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TITLE: Compositions having antibacterial properties and use of such compositions in suppressing growth of microorganisms, eg. *Listeria* bacteria.

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## ABSTRACT:

A mixture of (1) a cell wall lysing substance such as lysozyme, (2) an antibacterial such as the bacteriocin nisin, and (3) citric acid or a salt thereof or another food-grade adjuvant, effectively prevents growth of Listeria monocytogenes bacteria. It is also effective against other micro-organisms e.g. *Bacillus* species, lactic acid bacteria. The main application of this mixture is in connection with the production, packaging and storage of food products and the cleaning of equipment used therefor, but the mixture can also be applied for non-food uses, e.g. animal feedstuffs, cosmetic products, and pharmaceutical products and their production.